PATENT COOPERATION TREATY

	From the INTERNATIONAL BUREAU		
PCT	То:		
NOTIFICATION OF ELECTION (PCT Rule 61.2)	Assistant Commissioner for Patents United States Patent and Trademark Office Box PCT Washington, D.C.20231 ETATS-UNIS D'AMERIQUE		
Date of mailing (day/month/year) 25 September 2000 (25.09.00)	in its capacity as elected Office		
International application No. PCT/NL00/00013	Applicant's or agent's file reference P48358PC00		
International filing date (day/month/year) 10 January 2000 (10.01.00)	Priority date (day/month/year) 11 January 1999 (11.01.99)		
Applicant	,		
NOTEBORN, Mathieu, Hubertus, Maria et al			
in a notice effecting later election filed with the Interd in a notice effecting later election filed with the Interd 2. The election X was was not made before the expiration of 19 months from the priority Rule 32.2(b).	national Bureau on:		
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer S. Mafla		

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

REN

PCT

From the IN

Vereenigde

NATIONAL BURENANGEN

14 AUG 2000

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL TERMAPPLICATION TO THE DESIGNATED OFFICES

0 7 AUG Zinde 47.1 (c), first sentence)

Beatwofmailing day/geoth/sear) voorl. 20 July 2000 (20.07.00)

deApplicant's or algent's file reference

NRF 11-9-2600 Gun

Nieuwe Parklaan 97 AMERSFOORT

Prel. ex.

OTTEVANGERS, S., U:

NL-2587 BN The Hague

-8-2000 Gun

IMPORTANT NOTICE

International application No. PCT/NL00/00013

International filing date (day/month/year) 10 January 2000 (10.01.00) Priority date (day/month/year) 11 January 1999 (11.01.99)

Applicant

Kopie in/naar

LEADD B.V. et al

 Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice: AU.CN, JP, KP, KR, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AE,AL,AM,AP,AT,AZ,BA,BB,BG,BR,BY,CA,CH,CR,CU,CZ,DE,DK,DM,EA,EE,EP,ES,FI,GB,GD,GE,GH,GM,HR,HU,ID,IL,IN,IS,KE,KG,KZ,LC,LK,LR,LS,LT,LU,LV,MA,MD,MG,MK,MN,MW,MX,NO,NZ,OA,PL,PT,RO,RU,SD,SE,SG,SI,SK,SL,TJ,TM,TR,TT,TZ,UA,UG,UZ,VN,YU,ZA,ZW
The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 20 July 2000 (20.07.00) under No. WO 00/41497

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the **national phase**, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland **Authorized officer**

J. Zahra

Facsimile No. (41-22) 740.14.35

Telephone No. (41-22) 338.83.38



(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification of Transmittal of International Search Report				
P48358PC00	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.				
International application No.	International filing date (day/month/year) (Earliest) Priority Date (day/month/year)				
PCT/NL 00/00013	10/01/2000	11/01/1999			
Applicant					
LEADD D W -4 -1					
LEADD B.V. et al.					
This International Course Deposit has been	n prepared by this International Searching Auth	to the continue of the section of			
according to Article 18. A copy is being tra		ionity and is transmitted to the applicant			
This International Search Report consists It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	report			
it is also accompanied by	a copy of each prior art document cited in this	report.			
Basis of the report		:			
	international search was carried out on the bas ess otherwise indicated under this item.	is of the international application in the			
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of the	ne international application furnished to this			
b. With regard to any nucleotide an was carried out on the basis of the	d/or amino acid sequence disclosed in the interest sequence listing:	ternational application, the international search			
	enal application in written form.				
filed together with the inte	rnational application in computer readable form).			
furnished subsequently to	this Authority in written form.				
furnished subsequently to	this Authority in computer readble form.	.			
	osequently furnished written sequence listing do s filed has been furnished.	pes not go beyond the disclosure in the			
		identical to the written sequence listing has been			
2. Certain claims were four	nd unsearchable (See Box I).				
3. Unity of invention is laci	king (see Box II).				
4. With regard to the title,		·			
the text is approved as sul	bmitted by the applicant.				
	hed by this Authority to read as follows:				
	,				
· ·		*			
		·			
5. With regard to the abstract,					
X the text is approved as sul	the text is approved as submitted by the applicant.				
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.					
6. The figure of the drawings to be published with the abstract is Figure No.					
as suggested by the applic	cant.	X None of the figures.			
because the applicant faile	ed to suggest a figure.				
because this figure better	characterizes the invention.	·			

International Application No

PCT/NL 00/00013

A. CLASSIFICATION OF SUBJECT IPC 7 A61K38/16

C. DOCUMENTS CONSIDERED TO BE RELEVANT

A61K48/00

G01N33/50

A61P29/00

A61P37/00

Relevant to claim No.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

MEDLINE, BIOSIS, CHEM ABS Data, EPO-Internal, WPI Data, PAJ

Citation of document, with indication, where appropriate, of the relevant passages

Y	WO 98 37901 A (BOEHRINGER INGELH; MARLIN STEVEN D (US); TATAKE RE 3 September 1998 (1998-09-03) page 7, line 24 -page 9, line 10 page 11, line 5 -page 17, line 7	1-6, 9-12,14 7,8	
Y	EP 0 866 131 A (SANKYO CO) 23 September 1998 (1998-09-23) page 2, line 3 -page 4, line 1	-/	1-6, 9-12,14 7,8
° Special ca "A" docume consid "E" earlier of filing d "L" docume which citation "O" docume other r "P" docume later th	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	*T* later document published after the inte or priority date and not in conflict with cited to understand the principle or the invention "X" document of particular relevance; the c cannot be considered novel or cannot involve an inventive step when the do "Y" document of particular relevance; the c cannot be considered to involve an involve an inventive step when the do ments, such combined with one or mc ments, such combination being obviou in the art. "&" document member of the same patent Date of mailing of the international sea	mational filing date the application but eory underlying the laimed invention be considered to cument is taken alone laimed invention ventive step when the re other such docu- us to a person skilled
	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Sitch, W	

1

International Application No PCT/NL 00/00013

PCT/NL 00/00013							
C.(Continua Category °	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT						
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.					
X	DATABASE MEDLINE 'Online! FILE SERVER STN KARLSRUHE; ABSTRACT NO. 1998352185, "Apoptin specifically causes apoptosis in tumor cells and after UV-treatment in untransformed cells from cancer-prone individuals: a review." XP002107637	2,5, 11-15					
γ	abstract	7,8					
A	& MUTATION RESEARCH, (1998 MAY 25) 400 (1-2) 447-55. REF: 52 JOURNAL CODE: NNA. ISSN: 0027-5107.,	16					
x ·	WO 98 46760 A (PIETERSEN ALEXANDRA MARIA; LEADD B V (NL); NOTEBORN MATHEUS HUBERT) 22 October 1998 (1998-10-22) cited in the application	2,5, 11-14					
Y	page 4, paragraph 2 -page 5, paragraph 1 	7,8					
Х	WO 96 41191 A (AESCULAAP BV) 19 December 1996 (1996-12-19)	2,5, 11-14					
Y	page 5, line 9 -page 9, line 21	7,8					
Y	DE 197 04 979 A (MAX DELBRUECK CT FUER MOLEKULA) 14 August 1997 (1997-08-14) page 2, line 3 - line 5 page 2, line 38 - line 44 example 1	7,8					
		·					

1

oformation on patent family members

International Application No PCT/NL 00/00013

	atent document I in search report		Publication date	1	Patent family member(s)		Publication date
WO	9837901	Α	03-09-1998	AU	6672498	A	18-09-1998
				BR	9807622		15-02-2000
				CN	1249688	T	05-04-2000
				EP	0989853	Α	05-04-2000
				PL	335409	A	25-04-2000
EP	0866131	Α	23-09-1998	AU	5937598	A	15-10-1998
				BR	9800937	Α.	11-01-2000
			•	CA	2232828	Α	21-09-1998
				CZ		A	14-10-1998
				HU	9800613	A	01-02-1999
				JP	10324699	A	08-12-1998
				NO	981272		22-09-1998
				NZ	330004 /	A	28-10-1998
				PL	325457 <i>l</i>		28-09-1998
				ZA	9802371 /	A 	28-09-1998
WO	9846760	Α	22-10-1998	ΕP	0872552		21-10-1998
				EP	0878546 <i>l</i>		18-11-1998
				AU	6856398 <i>l</i>		11-11-1998
				EP	0975764		02-02-2000
				NO	994967	4 	15-12-1999
WO	9641191	Α	19-12-1996	AU	718422 E	3	13-04-2000
				AU	5913696 <i>l</i>	4	30-12-1996
				CA	2221495 <i>l</i>	4	19-12-1996
				EP	0830604 A	4	25-03-1998
				JP	11506340		08-06-1999
				US	5958424 /	4	28-09-1999
DE	19704979	Α	14-08-1997	WO	9729201 /	 4	14-08-1997

	From the INTERNATIONAL PRELIMINA	RY EXAMINING AUTHORITY	Godu	PCT -34
	То:			PCT 3
TERMIUN 3	PRINS, A.W. VEREENIGDE Nieuwe Parklaan 97 NL-2587 BN The Hague PAYS-BAS 0 MRT 2001	NRF2 11-7-20	NOTIFICA THE INTE	TION OF TRANSMITTAL OF RNATIONAL PRELIMINARY AMINATION REPORT (PCT Rule 71.1)
Beantwoord Voorl. def.	Bericht gezonden		Date of mailing (day/month/year)	27.03.2001
МАР	Applicant's or agent's file reference P48358PC00		IM	PORTANT NOTIFICATION
	International application No. PCT/NL00/00013	International filing date (d 10/01/2000	lay/month/year)	Priority date (day/month/year) 11/01/1999
	Applicant LEADD B.V. et al.			

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

D-80298 Munich

Authorized officer

Hundt, D

Tel. +49 89 2399 - 0 Tx: 523656 epmu d

Fax: +49 89 2399 - 4465

European Patent Office

Tel.+49 89 2399-8042





(PCT Article 36 and Rule 70)

T A II II	T	
Applicant's or agent's file reference P48358PC00	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No.	International filing date (day/monti	h/year) Priority date (day/month/year)
PCT/NL00/00013	10/01/2000	11/01/1999
International Patent Classification (IPC) or no A61K38/16	ational classification and IPC	· · · · · · · · · · · · · · · · · · ·
Applicant LEADD B.V. et al.		
LLADD B.V. et al.		
This international preliminary exame and is transmitted to the applicant		d by this International Preliminary Examining Authority
2. This REPORT consists of a total of	f 8 sheets, including this cover s	heet.
been amended and are the ba		ne description, claims and/or drawings which have containing rectifications made before this Authority ons under the PCT).
These annexes consist of a total of	tal sheets.	
3. This report contains indications rela	ating to the following items:	,
I ⊠ Basis of the report		
II 🗆 Priority		
III 🗵 Non-establishment of o	opinion with regard to novelty, inv	ventive step and industrial applicability
IV 🗀 Lack of unity of invention	on	
	nder Article 35(2) with regard to ons suporting such statement	novelty, inventive step or industrial applicability;
VI Certain documents cit	ed	
VII 🔲 Certain defects in the i	nternational application	
VIII 🛛 Certain observations o	n the international application	
Date of submission of the demand	Date of o	completion of this report
10/08/2000	27.03.20	001
Name and mailing address of the international preliminary examining authority:	at Authoriz	ed officer
D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656	Fayos,	C (((((((((((((((((((
Fax: +49 89 2399 - 4465	•	ne No. +49 89 2399 2180

International application No. PCT/NL00/00013

I.	Basis	f th	r	port
----	-------	------	---	------

1.	This report has been drawn on the basis of (substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments (Rules 70.16 and 70.17).): Description, pages:				
	1-3	31	as originally filed		
	Cla	aims, No.:			
	7-1	6	as originally filed		
	1-6	1	with telefax of	08/01/2001	
	Dra	awings, sheets:			
	1/1		as originally filed		
2.				marked above were available or furnished to this Authority in the was filed, unless otherwise indicated under this item.	
	The	ese elements were	available or furnished to	this Authority in the following language: , which is:	
		the language of a	translation furnished for	the purposes of the international search (under Rule 23.1(b)).	
		the language of pr	ublication of the internati	onal application (under Rule 48.3(b)).	
		the language of a 55.2 and/or 55.3).		the purposes of international preliminary examination (under Rule	
3.				cid sequence disclosed in the international application, the ed out on the basis of the sequence listing:	
		contained in the in	nternational application ir	written form.	
		filed together with	the international applica	tion in computer readable form.	
		furnished subsequ	ently to this Authority in	written form.	
		furnished subsequ	ently to this Authority in	computer readable form.	
			t the subsequently furnis	shed written sequence listing does not go beyond the disclosure in en furnished.	
		The statement tha listing has been fu		d in computer readable form is identical to the written sequence	
4.	The	amendments have	e resulted in the cancella	tion of:	

International application No. PCT/NL00/00013

		the description,	pages:
		the claims,	Nos.:
		the drawings,	sheets:
5.			n established as if (some of) the amendments had not been made, since they have been yond the disclosure as filed (Rule 70.2(c)):
		(Any replacement si report.)	heet containing such amendments must be referred to under item 1 and annexed to this
6.	Add	ditional observations,	if necessary:
111.	. Noi	n-establishment of c	pinion with regard to novelty, inventive step and industrial applicability
1.			ne claimed invention appears to be novel, to involve an inventive step (to be non- ially applicable have not been examined in respect of:
		the entire internation	al application.
	×	claims Nos. 1-14.	
be	caus	se:	
	×		I application, or the said claims Nos. 1-14 relate to the following subject matter which international preliminary examination (<i>specify</i>):
	Ø		ns or drawings (indicate particular elements below) or said claims Nos. are so unclear pinion could be formed (specify):
	×	the claims, or said cl opinion could be form	aims Nos. 1-14 are so inadequately supported by the description that no meaningful ned.
		no international sear	ch report has been established for the said claims Nos
2.	and		al preliminary examination report cannot be carried out due to the failure of the nucleotide nce listing to comply with the standard provided for in Annex C of the Administrative
		the written form has	not been furnished or does not comply with the standard.
			ele form has not been furnished or does not comply with the standard.
V.	Rea	soned statement un	der Article 35(2) with r gard to novelty, inv ntive step or industrial applicability;

citations and explanations supporting such statement

International application No. PCT/NL00/00013

1. Statement

Novelty (N)

Yes: Claims 15-16

No: Claims -

Inventive step (IS)

Yes: Claims 15-16

No: Claims -

Industrial applicability (IA)

Claims 15-16

No: Claims -

Yes:

2. Citations and explanations see separate sheet

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made: see separate sheet

Re Item I

Basis of the opinion

Added subject matter (Art. 34 (2)(b) PCT) - see items III 1- and 1.1- below.

Re item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Claims 1-5 have been amended to stress the fact that the apoptosis inducing agent 1according to the present application exhibits its effect in the aberrant cells involved with or related to autoimmune diseases.

However, (see p 5 lines 32-37) " a very important advantage of apoptin over other apoptosis inducing agents is that it does not display its activity to any significant extent in normal cells, whereas the present application shows that it does exhibit its effect in the aberrant cells involved with or related to inflammatory disorders and/or (auto)immune diseases". In addition, as shown e. g. on p 9 lines 33-38, p 18 lines 1-6 and p 24 lines 27-31, the present application only provides technical support for the use of apoptin, since only apoptin is shown in the present application to provide the aimed effect, i. e. non induction of apoptosis in normal healthy cells and induction of cell death in aberrant cells involved with or related to inflammatory disorders and/or (auto)immune diseases.

Hence, the subject matter claimed in the present application should be restricted to (see e. g. p 8 lines 7-10) " the apoptosis inducing protein apoptin or other proteins with apoptin-like activity".

1.1- The amendments filed with the letter dated 08.01.2001 (claims 1-5): "an apoptosis inducing agent which exhibits its effect in aberrant cells involved with or related to (auto)immune diseases", are a generalization of the apoptosis inducing agent apoptin (only apoptin is shown in the present application to provide the aimed effect, i. e. non induction of apoptosis in normal healthy cells and induction of cell death in aberrant cells involved with or related to inflammatory disorders and/or (auto)immune diseases) and therefore introduce subject-matter which extends beyond the content

of the application as filed, contrary to Article 34(2)(b) PCT.

Therefore, no opinion will be given with regards to the novelty, inventive step and industrial applicability of claims 1-5 and their dependent claims 6-14.

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

- 2-Reference is made to the following documents:
 - D1: WO 98 37901 A (BOEHRINGER INGELHEIM PHARMA; MARLIN STEVEN D (US); TATAKE REVATI J) 3 September 1998 (1998-09-03)
 - D2: EP-A-0 866 131 (SANKYO CO) 23 September 1998 (1998-09-23)
 - D3: DATABASE MEDLINE [Online] FILE SERVER STN KARLSRUHE; ABSTRACT NO. 1998352185, 'Apoptin specifically causes apoptosis in tumor cells and after UV-treatment in untransformed cells from cancer-prone individuals: a review.' XP002107637 & MUTATION RESEARCH, (1998 MAY 25) 400 (1-2) 447-55. REF: 52 JOURNAL CODE: NNA. ISSN: 0027-5107.,
 - D4: WO 98 46760 A (PIETERSEN ALEXANDRA MARIA ; LEADD B V (NL): NOTEBORN MATHEUS HUBERT) 22 October 1998 (1998-10-22) cited in the application
 - D5: WO 96 41191 A (AESCULAAP BV) 19 December 1996 (1996-12-19)
 - D6: DE 197 04 979 A (MAX DELBRUECK CT FUER MOLEKULA) 14 August 1997 (1997-08-14)

NOVELTY - Art. 33 (1) and (2) PCT

- Claims 15 and 16 appear to be novel in the light of the available prior art and 3for the reasons stated below:
- 3.1- The novel feature appears to be the use of "apoptin like activity" (see objection item VIII 7-) for determining (1) the presence of cells likely to result in an (auto)immune

INTERNATIONAL PRELIMINARY Inte

disease and/or (2) the presence of autoimmune diseases.

D3, D4 and/or D5, which disclose the use of apoptin, do not explicitly mention that apoptin can also induce apoptosis in cells of inflammatory disorders and/or autoimmune diseases. Therefore, D3, D4 and/or D5 are not novelty destroying for claims 15-16.

Remark: The term "immune disease" has been interpreted, for the purpose of this opinion, as an aberrant behaviour of the immune system, leading for example to hyperactivity of the immune system.

INVENTIVE STEP - Art. 33 (1) and (3) PCT

4- The present application is based on the finding that <u>apoptin</u> does not display its activity to any significant extent in normal cells, whereas it does exhibit its effect in the aberrant cells involved with or related to inflammatory disorders and/or (auto)immune diseases

This discovery is neither explicitly disclosed and nor suggested by the available prior art documents, alone or combined.

4.1- <u>The problem posed</u> in the present application is therefore to provide means for the treatment of inflammatory / (auto)immune disorders.

The solution proposed is the use of the apoptosis inducing protein apoptin or other proteins with apoptin-like activity.

D1 and D2 disclose the use of apoptosis inducing agents for the treatment of inflammatory and/or (auto)immune disorders and hence represent the closest prior art.

However, neither D1, nor D2 alone or combined teach or suggest the use of apoptin.

EXAMINATION REPORT - SEPARATE SHEET

4.2- D3 mentions that apoptin induces apoptosis in human transformed/tumorigenic cells but not in normal diploid cells.

However, the term "immune disease" has been interpreted, for the purpose of this opinion, as an aberrant behaviour of the immune system, leading for example to hyperactivity of the immune system.

Hence, the subject matter of claims 15-16 is not obvious from the available prior art and claims 15-16 can be considered as being inventive.

INDUSTRIAL APPLICABILITY - Art. 33 (1) and (4) PCT

Claims 15-16 appear to be industrially applicable. 5-

Re Item VIII

Certain observations on the international application

- 6-As far as claims 1-5 and dependent clams 6-14 are concerned, the following is to be noted:
 - If claims 1-5 (and dependent claims 6-14) were restricted (see item III 1-)to the use of "the apoptosis inducing protein apoptin or other proteins with apoptin-like activity", said claims could be considered as being novel over D1 and over D2, since neither D1 nor D2 explicitly mention the use of " the apoptosis inducing protein apoptin or other proteins with apoptin-like activity".
- 7-The expression: "providing suspect cells with apoptin-like activity" (claims 15-16) is not clear (Art. 5 PCT) and should be clarified in terms of the agent which is provided (and not of the activity which is provided).

AMENDED CLAIMS

- 1. Use of an apoptosis inducing agent, which exhibit its effect in aberrant cells involved with or related to (auto) immune diseases, in the preparation of a medicament for the treatment of inflammatory disorders.
- Use of an apoptosis inducing agent, which exhibit its effect in aberrant
 cells involved with or related to (auto) immune diseases, in the preparation of a medicament for the treatment of immune diseases.
 - 3. Use of an apoptosis inducing agent according to claim 2 wherein said treatment of immune diseases is treatment of autoimmune diseases.
- 4. Use of a gene delivery vehicle comprising a gene capable of expressing
 an apoptosis inducing agent, which exhibit its effect in aberrant cells involved
 with or related to (auto) immune diseases, in the preparation of a medicament
 for the treatment of inflammatory disorders.
- 5. Use of a gene delivery vehicle comprising a gene capable of expressing an apoptosis inducing agent, which exhibit its effect in aberrant cells involved with or related to (auto) immune diseases, in the preparation of a medicament for the treatment of immune diseases.
 - 6. Use of a gene delivery vehicle according to claim 5 wherein said treatment of immune diseases is treatment of autoimmune diseases.
 - 7. Use according to anyone of claims 4-6, wherein said gene delivery vehicle further comprises a suicide gene.
 - 8. Use according to claim 7, wherein said suicide gene is inducible.
 - 9. Use according to anyone of claims 4-8, wherein said gene delivery vehicle has a tropism for hematopoietic cells.
- 10. Use according to claim 4-8, wherein said gene delivery vehicle has a
 25 tropism for fibroblast-like synoviocytes.

20